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being used for the purpose. The mean value from the measurements of three observers using from 8 to 10 lines is -94^{km} .
WALTER S. ADAMS.

SOME RECENT SPECTRAL PARALLAX DETERMINATIONS.

In continuation of the determination of the absolute magnitude and the parallax of stars from certain characteristics of their spectra, a number of stars with well-determined measured parallaxes have been observed. Some of the more interesting cases of this kind are summarized in the following table. The double stars in particular form a useful test of the value of the method since the absolute magnitude differences in these cases should correspond to those in apparent magnitude. In the table M denotes absolute magnitude, and the references to measured parallaxes are to those by Slocum and Mitchell, Lee and Joy, Schlesinger and Russell. Kapteyn's compilation is indicated by the letter K.

	<i>m</i>	<i>Spectrum</i>	<i>M</i>	π		<i>Authority</i>
				<i>Spec.</i>	<i>Meas.</i>	
η Cassiop.	{ 3.6	Go	4.2	+0".13	+0.19	K.
	{ 7.6	Ko	8.8	0 .17		
T Ceti	3.6	G5	6.3	0 .35	0.32	K.
6 Persei	5.4	G3	-0.7	0 .01	0.00	L. and J.
O ₂ Eridani	4.5	K1	6.5	0 .25	0.17	K.
A. Oe. 4961	8.5	K5	8.7	0 .11	0.10	S. and M.
W. B. 5 ^b 592	8.9	Ma	10.1	0 .17	0.18	K.
A. Oe. 9342	{ 9.2	K9	9.6	0 .12		
	{ 9.2	K7	9.1	0 .10	0.08	Green
43 Comae	4.3	G1	4.2	0 .10	0.12	K.
Ber. B. 5072	9.5	K7	8.6	0 .07	0.05	R., L. and J.
Pi 14 ^b 212	{ 5.8	K5	7.1	0 .18		
	{ 8.7	Ma	10.2	0 .20	0.17	K.
δ Herculis	3.0	G1	2.3	0 .07	0.14	K.
W. B. I. 16 ^b 906	8.8	Md	9.9	0 .17	0.13	L. and J.
Anon. 17 ^b 34 ^m	9.1	K7	10.2	0 .17	0.14	L. and J.
+18° 36'						
A. Oe. 17415	9.3	Mb	10.4	0 .17	0.22	L. and J.
Lam. 18180	9.4	K7	9.1	0 .09	0.07	R., Sch.
α Draconis	4.8	G9	6.7	0 .24	0.20	K.
β Aquilæ	3.9	G7	3.0	0 .07	0.07	M.
γ Delphini A	4.5	Ko	1.3	0 .02	0.07	M.

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THE PARALLAXES OF B. D. $+35^{\circ}4001$ AND B. D. $+35^{\circ}4013$.

In the *Publications of the Astronomical Laboratory at Groningen*, No. 1, Kapteyn and Donner discuss the parallaxes